

IN THE CLAIMS:

Please cancel claims 2, 3, and 5 without prejudice to or disclaimer of the subject matter recited therein.

Please amend claims 1 and 4 as follows:

LISTING OF CURRENT CLAIMS

Claim 1. (Currently Amended) An entrance intercom system, fabricated on the gate of a community, providing the functions of communicating between visitors and residents, identity recognizing, locking/unlocking the gate, said entrance intercom system comprising:

- 5 a data base, storing the resident codes, the phone numbers and the identity recognizing codes of the residents of the community;
- a communication module, coupled with public switch telephone networks, providing the communicating function between the visitors and the residents, and receiving the incoming phone calls;
- 10 a CPU, connected with said data base and said communication module respectively, responsive to the resident codes input by the visitors via a dialing keyboard, to select the phone numbers of the resident stored in said data base, and to drive said communication module automatically to dial the resident for providing the communicating function between the visitors and the resident;
- 15 an incoming phone numbers collecting module, connected with said communication module and said CPU respectively, collecting the incoming phone numbers, said CPU can compare said incoming phone numbers and the phone numbers of the residents stored in said data base, when the incoming phone number is identical to one of the phone numbers of the residents in said data base,
- 20 said CPU will send a signal to unlock said gate;
- a RF identification device, for detecting the RF messages of identity recognizing and sending to said CPU, said CPU can compare said RF messages with said identity recognizing codes stored in said data base, when said RF message is identical to that of the resident in said data base, said CPU will send a signal to unlock said gate; and

a remote control receiving means, for receiving remote control messages of identity recognizing and sending to said CPU, said CPU can compare said remote control messages with the identity recognizing codes stored in said data base, when the remote control message is identical to one of the identity recognizing codes of the residents, said CPU will send a signal to unlock said gate.

30 wherein said phone numbers of the residents stored in said database includes wired telephone numbers and cellular phone numbers of the residents, and when the incoming phone number of the cellular phone collected by said incoming phone number collecting module is identical to one of the phone numbers stored in

35 said database, said CPU will send a signal to unlock said gate, whereby the resident can use a cellular phone to dial said entrance intercom system for unlocking said gate.

Claims 2-3. (Canceled)

Claim 4. (Currently Amended) The system according to Claim 2, Claim 1, when said communication module is utilized to dial the wired telephone of the resident, if said wired telephone is busy or no answer, said communication module will automatically dial the cellular phone of the resident.

Claim 5. (Canceled)

Claim 6. (Original) A method to manage data of an entrance intercom system, wherein said entrance intercom system is fabricated on an gate of a community to provide the functions of communicating between visitors and residents, identity recognizing, locking/unlocking the gate, and said entrance 5 intercom system comprises a database for storing the resident codes, the wired phone numbers and the cellular phone numbers of the residents, said entrance intercom system can be applied to contact with the residents via public switch telephone networks, said method comprises the steps of:

10 making a set of record when said entrance intercom system is applied to dial, to answer a phone call, or locking/unlocking the gate;

dialing a system service provider at a predetermined time to contact with a computer of the system service provider;
uploading the records to said computer of the system service provider; and
downloading data from said computer of the system service provider to
15 upgrade said database.

Claim 7. (Original) The method according to Claim 6, wherein said records comprise dialed phone numbers, incoming phone numbers, the messages gotten from ID cards, and the time to lock/unlock the gate.

Claim 8. (Original) The method according to Claim 6, wherein said entrance intercom system can connect to the computer of the system service provider via the internet to upload said records and download said data.

Claim 9. (Original) The method according to Claim 8, wherein said predetermined time is at AM 2-4 clock.

Claim 10. (Original) The method according to Claim 6, wherein said upgraded data downloaded from the system service provider comprise the information of moving out/in of the residents and the data update said entrance intercom system.

Claim 11. (Original) The method according to Claim 6, wherein said data downloaded from the system service provider comprise the resident information, the wired phone number, the cellular phone number and the resident code.